

Appl No. 09/849,786
Amdt. dated November 28, 2005
Reply to Office action of August 25, 2005

REMARKS/ARGUMENTS

The Applicant acknowledges the receipt of the Office Action mailed August 25, 2005. Claims 1-2, 4-14, and 16-24 stand rejected. Claims 1 and 13 have been amended. Claims 31 and 32 are new. Reconsideration and allowance of claims 1, 2, 4, 6, 7, 9-14 16, 18-32, is respectfully requested. Accordingly, amended claims and supporting remarks are hereby presented that particularly point out and distinctly claim the subject matter that Applicant regards as his invention. No new matter is being added.

I. Rejection of claims under 35 U.S.C. 102(e) and under 35 U.S.C. 103(a)

Claims 1, 2, 4, 6, 7, 9-11, 13, 14, 16, 18, 19 and 21-24 stand rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 6,895,947 to Bridgelall (hereinafter Bridgelall). Claims 12 and 25-30 were rejected under 35 U.S.C. § 103 as being obvious based on the combination of Bridgelall and U.S. Patent Application Publication No. 2005/0087603 to Koeneck et al. (hereinafter Koeneck). For reasons that will now be set forth, claims 1, 2, 4, 6, 7, 9-14, 16, 18, 19, 21-32 and 25-30 are not anticipated or obvious based on Bridgelall and Koeneck, alone or in combination.

Independent claims 1 and 13, as currently amended, and independent claim 25 recite a communications module having a first section and a second section that is detachable from the first section, wherein the second section comprises an antenna. By contrast, Bridgelall discloses a dual mode wireless data communication unit that (referring to Figure 1) comprises RF modules 12 and 14 coupled to communications processing module 16 and digital module 18. Thus, an aspect of the present invention that differs from Bridgelall is that claims 1, 13 and 25 recite a communications module formed by two sections, wherein the antenna is located on the second section. Bridgelall actually has three main sections, the RF modules (12 and 14), communications processing module 16, and digital module 18.

In addition to the reasons set forth above, Bridgelall teaches a dual mode system with two RF modules (14 and 16) coupled to the communications processing module 16. An aspect of the present invention as recited in claims 1 and 13 is that the second section is detachable from the first section and a third section with different communication properties can be attached to the first section. An advantage of this as described in the original specification is that this system reduces power consumption by not providing power to the unused RF module

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(see page 5, lines 10-13 and page 12, lines 16-18). Claims 1 and 13 as now amended further point out this distinction by reciting that the first section is coupled to not more than one of either the second section or the third section.

In addition to the reasons set forth above, claim 27 recites that a baseband signal is sent through the mating connectors. Referring to Figure 1 of Bridgelall, RF signals are passed between RF modules 12 and 14 and communications processing module 16, and digital signals are passed between communications processing module 16 and digital module 18.

In addition to the reasons set forth above, new claim 31 recites that the communications module is a Personal Computer Client adapter and that the first connector is one of the group consisting of a PCMCIA type II connector, a PCMCIA extended type 2 connector, and a PCI connector. New claim 32 recites that the second connector is one of the group consisting of a zero insertion force and a low insertion force connector. This is not disclosed anywhere in Bridgelall.

The aforementioned deficiencies in, Bridgelall are not remedied by any teaching of Koenck. Koenck, like Bridgelall has three sections, now two. Koenck has an antenna 104 that is external to the second housing. Koenck has a terminal housing 11 coupled by a ribbon cable to a radio module 106 that is coupled to endcap 118 upon which is antenna 104.

In addition to the reasons set forth above, claim 27 recites that a baseband signal is sent through the mating connectors. Koenck shows RF signals passed from radio module 106 to control microprocessor 212 ("Main microprocessor 74 processes the signals and communicates them to control microprocessor 212 of peripheral controller card 26. Control microprocessor and its associated circuitry on peripheral controller card 26 processes the signals to superimpose them upon radio transmission frequencies and communicates the processed signals to transmitter 202..." (paragraph 76). Thus, Koenck is not passing baseband signals between the first and second sections.

In addition to the reasons set forth above, new claim 31 recites that the communications module is a Personal Computer Client adapter and that the first connector is one of the group consisting of a PCMCIA type II connector, a PCMCIA extended type 2 connector, and a PCI connector. New claim 32 recites that the second connector is one of the group consisting of a zero insertion force and a low insertion force connector. This is not disclosed anywhere in Koenck.

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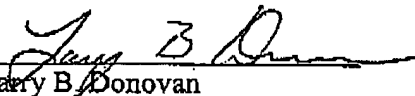
IV. Conclusion

For the reasons just set forth, the claims currently pending in this application are not anticipated nor rendered obvious by the cited prior art. If there are any other fees necessitated by the foregoing communication, please charge such fees, or credit any overpayment, to our Deposit Account No. 50-0902, referencing our Docket No. (72255/11265).

Respectfully submitted,

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